A Roadmap for A.I. in Healthcare

SHINJINI KUNDU, MD, PHD
DEPARTMENT OF RADIOLOGY
THE JOHNS HOPKINS HOSPITAL
Artificial intelligence
Machine learning
Neural networks
Deep learning
What do we mean by A.I. explainability?
A.I. explainability

No osteoarthritis in 3 years  Osteoarthritis in 3 years
Is A.I. explainability the final destination?
Context matters
I used to think correlation implied causation.

Then I took a statistics class. Now I don’t.

Sounds like the class helped. Well, maybe.

https://xkcd.com/552/
Where do we go from here?

CAUSALITY

UNDERSTANDING CONTEXT
Disclosures

I have nothing to disclose.
Thank you